

2007 Outfall 001 Flow and Effluent Chemistry Data
Shell Distribution Terminal
Seattle, Washington

Month	Date Sampled	Date Sampled		Monthly Estimated Flow (gallons)				pH	TSS (ppm)	Oil & Grease (ppm)	Benzene (ppb)	Toluene (ppb)	Ethylbenzene (ppb)	Xylenes (ppb)	BTEX (ppb)	TPH-G (ppb)	Zinc (ppb)	Lead (ppb)	Copper (ppb)
		Estimated Flow (gal)	Type	Load Rack	Stormwater	Groundwater	Total												
January-07	January 9, 2007	7,813	Stormwater, process water	9,089	239,618	0	248,707	7.15	18	< 4.72	6.34	6.44	< 0.5	1.97	14.75	< 50	48	< 50	< 10
February-07	February 15, 2007	842	Stormwater, process water	1,995	70,872	0	72,867	7.32	< 4.0	< 4.85	< 0.5	< 0.5	< 0.5	< 1.0	0.00	< 50	47	< 50	< 10
March-07	March 2, 2007	23,834	Stormwater, process water	12,295	166,154	50	178,499	7.37	< 4.0	< 5.10	11.3	10.4	< 0.5	8.45	30.15	78.4	43	< 50	< 10
April-07	April 13, 2007 ^a	23,016	Stormwater, process water	8,712	46,580	0	55,292	7.13	< 4.0	< 5.10	< 0.5	< 0.5	< 0.5	< 1.0	0.00	< 50	54	< 50	< 10
May-07	May 21, 2007 ^b	56,952	Stormwater, process water	8,567	135,320	0	143,887	6.94	< 4.0	< 4.72	< 1.0	< 1.0	< 1.0	< 2.0	0.00	< 50	55	< 50	< 10
June-07	June 5, 2007	2,999	Stormwater, process water	4,032	12,666	50	16,748	6.86	< 4.0	< 4.72	< 0.5	< 0.5	0.519	3.08	3.60	< 50	56	< 50	< 10
July-07	July 18, 2007	12,679	Stormwater, process water	3,857	44,884	0	48,741	7.10	6.5	< 4.85	< 0.5	< 0.5	< 0.5	< 1.0	0.00	< 50	82	< 50	11.8
August-07	August 19, 2007	18,735	Stormwater, process water	5,750	36,344	0	42,094	7.38	9.0	<4.72	< 0.5	< 0.5	< 0.5	1.10	1.10	< 50	74	< 50	< 10
September-07	September 4, 2007	30,543	Stormwater, process water	8,380	116,179	50	124,609	7.36	< 4.0	< 4.81	< 0.5	< 0.5	< 0.5	< 1.0	0.00	< 50	59	< 50	10.3
October-07	October 2, 2007	3,421	Stormwater, process water	9,791	91,688	0	101,479	7.37	7.0	< 4.95	< 0.5	< 0.5	< 0.5	< 1.0	0.00	< 50	33	< 50	< 10
November-07	November 12, 2007	10,162	Stormwater, process water	28,428	38,215	0	66,643	7.22	< 4.0	< 5.38	< 0.5	< 0.5	< 0.5	< 1.0	0.00	< 50	30	< 50	< 10
December-07	December 3, 2007	487,263	Stormwater, process water	39,633	887,874	50	927,557	7.20	2.0	4.4	< 0.5	1.83	0.62	1.11	3.56	270	40	< 10	14
Annual Totals:				140,529	1,886,394	200	2,027,123												
Notes: ^a Sample also analyzed for VOCs, SVOCs, PCBs/pesticides, metals, and total cyanide by EPA Methods 624, 625, 608, 200, and 335.2, respectively. No constituents were detected in the additional analyses but those shown in this table. ^b Sample also analyzed for PCBs/pesticides by EPA Method 608. No constituents were detected in the additional analysis. All samples analyzed by Test America, Bothell, Washington or Am Test, Redmond, Washington.																			

**2007 Outfall 002 Flow and Effluent Chemistry Data
Shell Distribution Terminal
Seattle, Washington**

Month	Date Sampled	Estimated Flow On Day Sampled (gal)	Flow Type	Monthly Stormwater Flow (gallons)	pH	Oil & Grease (ppm)
January-07	January 9, 2007	2,900	Stormwater	94,045	6.92	< 4.95
February-07	February 15, 2007	335	Stormwater	25,503	7.22	< 5.05
March-07	March 2, 2007	9,480	Stormwater	66,163	7.07	1.51
April-07	April 13, 2007	9,056	Stormwater	18,561	7.07	< 5.10
May-07	May 21, 2007	22,378	Stormwater	53,481	7.10	< 4.72
June-07	June 5, 2007	1,150	Stormwater	5,048	6.97	< 4.76
July-07	July 18, 2007	5,031	Stormwater	17,885	6.94	< 5.00
August-07	August 19, 2007	7,393	Stormwater	14,483	7.01	< 4.76
September-07	September 4, 2007	12,093	Stormwater	45,886	7.08	< 5.00
October-07	October 2, 2007	1,150	Stormwater	36,468	7.10	< 5.95
November-07	November 12, 2007	3,930	Stormwater	15,228	7.07	< 4.85
December-07	December 3, 2007	176,373	Stormwater	340,439	7.17	7.8
Total Annual Flow:				733,190		
Note: All samples analyzed by Test America, Bothell, Washington or Am Test, Redmond, Washington.						